Project Title	Funding	Strategic Plan Objective	Institution
Why are autistic females rare and severe? An approach to autism gene identification.	$28,600	Q2.S.B	Johns Hopkins University
Using robotics to promote social cognitive skills in the inclusive classroom	$0	Q4.Other	Anthrotronix, Inc.
Understanding the brain basis of impaired imitation learning in autism	$55,200	Q2.Other	Kennedy Krieger Institute
Trial of a glutamate antagonist in the treatment of OCD and autistic disorders	$33,959	Q4.L.A	National Institutes of Health
Treatment of medical conditions among individuals with autism spectrum disorders	$339,591	Q2.S.E	National Institutes of Health
The role of the GRIP protein complex in AMPA receptor trafficking and autism spectrum disorders	$0	Q2.Other	Johns Hopkins University
The role of glutamate receptor intereacting proteins in autism	$312,500	Q4.S.B	Johns Hopkins University School of Medicine
The role of CNTNAP2 in embryonic neural stem cell regulation	$0	Q2.Other	Johns Hopkins University School of Medicine
The cognitive neuroscience of autism spectrum disorders	$1,074,095	Q2.Other	National Institutes of Health
Survey of services needs of adults with ASD	$25,000	Q6.S.A	Kennedy Krieger Institute
Studying the neural development of patient-derived stem cells	$156,250	Q4.S.B	Johns Hopkins University School of Medicine
Studies of genetic and metabolic disorders, autism and premature aging	$1,667,480	Q4.S.B	National Institutes of Health
State of the states in services and supports for persons with autism spectrum disorder.	$0	Q7.B	Centers for Medicare & Medicaid Services (CMS)
Simons Simplex Community at the Interactive Autism Network (SSC@IAN)	$417,500	Q7.C	Kennedy Krieger Institute
Sensitive periods in cerebellar development	$32,941	Q2.S.A	University of Maryland, Baltimore
Roles of oxytocin and vasopressin in brain	$1,990,068	Q4.S.B	National Institutes of Health
Risk factors, comorbid conditions, and epidemiology of autism in children	$0	Q3.S.H	Henry M. Jackson Foundation
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	$0	Q1.L.C	Johns Hopkins University
Prostaglandins and cerebellum development	$371,250	Q2.S.A	University of Maryland, Baltimore
Predicting outcomes in autism with functional connectivity MRI	$0	Q1.L.B	National Institute of Mental Health
Pediatric brain imaging	$2,419,583	Q2.L.A	National Institutes of Health
Omnitec Solution for the NIMH National Database for Autism Research	$2,204,000	Q7.H	National Institutes of Health
Olfactory abnormalities in the modeling of Rett syndrome	$351,575	Q2.S.D	Johns Hopkins University
Office of the Scientific Director	$11,422,709	Q7.Other	National Institutes of Health

Project Title	Funding	Strategic Plan Objective	Institution
Occurrence and family impact of elopement in children with ASD	$5,000	Q5.S.D	Kennedy Krieger Institute
NIMH IAN with the National Database for Autism Research program	$314,266	Q7.H	National Institutes of Health
Neuroimmunologic investigations of autism spectrum disorders (ASD)	$101,877	Q2.S.F	National Institutes of Health
Neuroendocrine regulation of metabolism and neurocognition	$402,805	Q2.S.E	National Institutes of Health
National Database on Autism Research	$900,000	Q7.H	Center for Information Technology
Motor skill learning in autism	$395,908	Q2.Other	Kennedy Krieger Institute
Mechanisms of valproic acid-induced neurodevelopmental and behavioral defects	$318,513	Q3.S.J	University of Maryland, Baltimore
M.Ed. in autism spectrum disorders (ASDs) for teachers in the Department of Defense Dependent Schools (DoDDS)	$200,000	Q5.Other	University of Maryland, College Park
Learning and plasticity in the human brain	$351,533	Q2.Other	National Institutes of Health
Interactive Autism Network (IAN) core support	$0	Q7.C	Kennedy Krieger Institute
Integrative genetic analysis of autistic brains	$200,000	Q3.L.B	Johns Hopkins University School of Medicine
Impacts and State utilization of HCBS waiver services for families and children with autism	$200,000	Q5.Other	Towson University
Hypocholesterolemic autism spectrum disorder	$84,549	Q3.L.B	National Institutes of Health
How autism affects speech understanding in multitalker environments	$0	Q2.Other	University of Maryland, College Park
High throughput screen for small molecule probes for neural network development	$405,000	Q2.Other	Johns Hopkins University
Genome-wide examination of DNA methylation in autism	$149,999	Q3.S.J	Johns Hopkins University
Genetic epidemiology of complex traits	$559,192	Q3.L.B	National Institutes of Health
GABAergic dysfunction in autism	$48,000	Q2.Other	Johns Hopkins University
Functional anatomy of face processing in the primate brain	$1,660,304	Q2.Other	National Institutes of Health
Epigenetic DNA modifications in autistic spectrum disorders	$81,811	Q3.S.J	Johns Hopkins University School of Medicine
Environment, the perinatal epigenome, and risk for autism and related disorders	$1,976,271	Q3.S.J	Johns Hopkins University
Effects of self-generated experiences on social cognitive development in young children with autism	$149,967	Q4.S.F	Kennedy Krieger Institute
Effects of active motor & social training on developmental trajectories in infants at high risk for ASD	$40,000	Q4.Other	Kennedy Krieger Institute
EEG-based assessment of functional connectivity in autism	$175,042	Q2.Other	Kennedy Krieger Institute

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Dysregulation of protein synthesis in fragile X syndrome	$1,117,731	Q2.S.D	National Institutes of Health
Dynamic regulation of Shank3 and ASD	$646,316	Q2.Other	Johns Hopkins University
Double masked placebo controlled trial of cholesterol in hypocholesterolemic ASD	$0	Q4.S.C	Kennedy Krieger Institute
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	$0	Q3.S.J	Kennedy Krieger Institute
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	$0	Q3.S.J	Johns Hopkins University
Development of a social and communication intervention for preschoolers with autism	$499,966	Q4.L.D	Kennedy Krieger Institute
Comprehensive parent-mediated intervention for children with autism in southern Taiwan	$100,000	Q4.S.D	Johns Hopkins University
Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh	$196,051	Q3.L.D	Johns Hopkins University
Clinical and behavioral phenotyping of autism and related disorders	$2,241,297	Q1.L.B	National Institutes of Health
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	$1,520,000	Q3.L.D	Johns Hopkins University
Autism Treatment Network (ATN) 2011- KKI	$0	Q7.N	Kennedy Krieger Institute
Autism and Developmental Disabilities Monitoring (ADDM) network - Maryland	$425,000	Q7.I	Johns Hopkins University
Autism: Social and communication predictors in siblings	$805,136	Q1.L.A	Kennedy Krieger Institute
ATN Registry	$728,000	Q7.O	N/A
Assessing the accuracy of rapid phenotyping of nonverbal autistic children	$0	Q1.S.A	Kennedy Krieger Institute
A preliminary investigation of the neurobehavioral basis of sensory behavior in autism	$10,000	Q2.Other	Kennedy Krieger Institute
Animal models Of neuropsychiatric disorders	$974,415	Q4.S.B	National Institutes of Health
A neural model of fronto-parietal mirror neuron system dynamics	$183,960	Q2.Other	University of Maryland, College Park
AIR-P Research RFAs	$1,188,715	Q7.K	N/A
Accelerating Autism Research through the Interactive Autism Network (IAN Core)	$100,000	Q7.C	Kennedy Krieger Institute
3/3-Multisite RCT of early intervention for spoken communication in autism	$813,835	Q4.S.F	Kennedy Krieger Institute